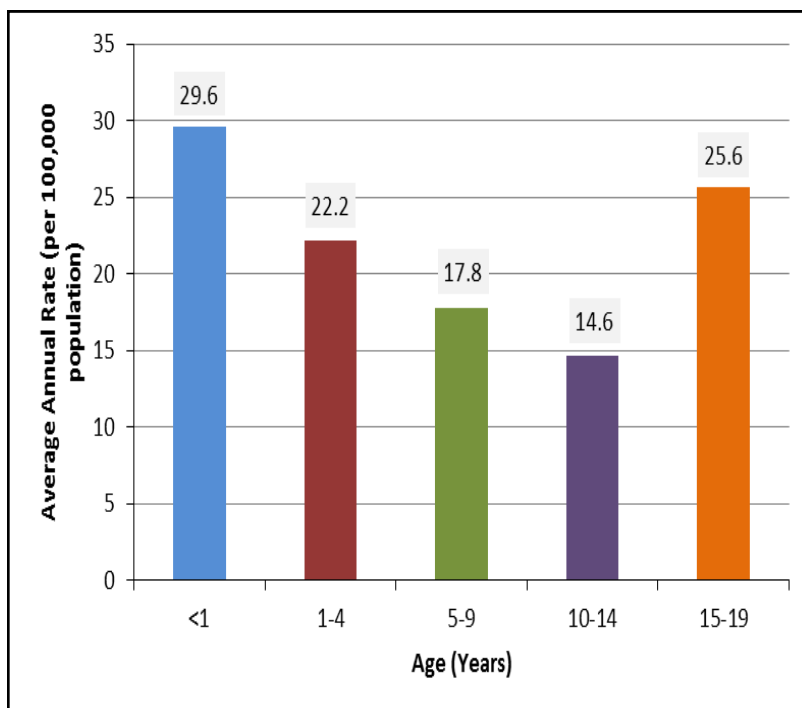


Pediatric Cancer in Nebraska

Figure 1. Pediatric Cancer Incidence Rates, by Age, Nebraska, 2007-2011



Nebraska Pediatric Cancer Quick Facts:

- Between 2007 and 2011, 524 Nebraska children and adolescents were diagnosed with cancer; this number includes all invasive cancers as well as benign brain tumors.
- Pediatric cancers account for less than 1% of the total number of cancers diagnosed among all Nebraska residents.
- The rate at which pediatric cancer occurs (incidence) is greatest among infants less than 1 year of age and is lowest among children ages 10-14 (Figure 1).
- Recent pediatric cancer incidence rates in Nebraska and the U.S. have ranged between 15 and 20 cases (per 100,000 population) per year (Figure 2).

Figure 2. Pediatric Cancer Incidence Rates, by Year of Diagnosis, Nebraska & US , 2001-2011

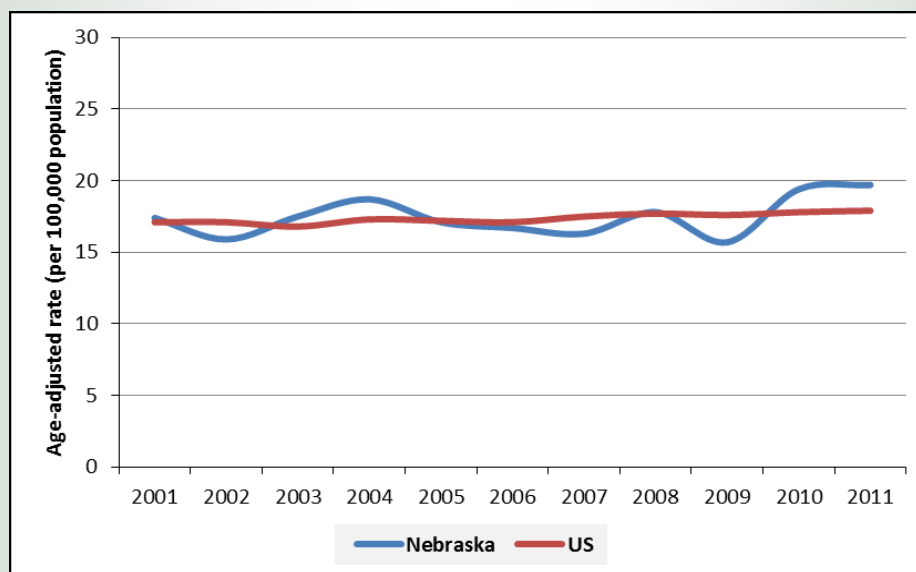
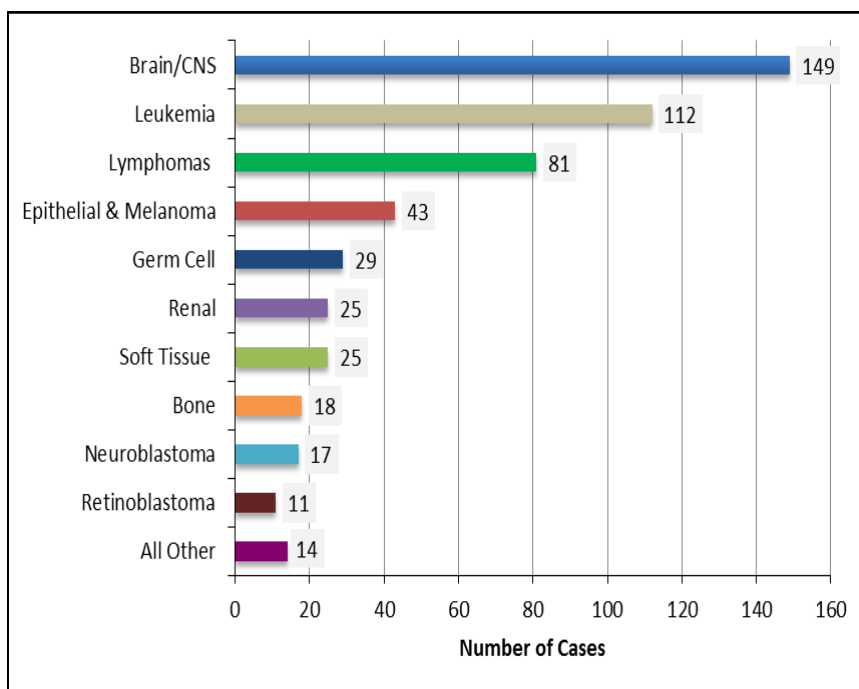


Figure 3. Number of Pediatric Cancer Cases, by Primary Site, Nebraska, 2007-2011



- Between 2007 and 2011, brain and central nervous system (CNS) tumors were the most frequently diagnosed pediatric cancers in Nebraska, accounting for 149 cases (Figure 3).
- During the same period, leukemia was the second most frequent pediatric cancer diagnosis in Nebraska, accounting for 112 cases (Figure 3).
- By age, brain and CNS tumors were the most common cancer diagnosis among Nebraska children between 5 and 14 years of age, while lymphoma was the most common cancer diagnosis in older adolescents. Leukemia and brain and CNS tumors were the most common diagnoses among children under the age of 5.

More Facts About Pediatric Cancer

- During 2011, there were 14,754 invasive cancer diagnoses and 1,922 cancer deaths in the United States among children and adolescents (0-19 years).
- In Nebraska and throughout the United States, cancer is ranked as the second most common cause of death for children and adolescents between 1 and 19 years of age, exceeded only by accidents.
- Overall survival for pediatric cancer has been rapidly increasing over the past 30 years due to treatment advances, and the national 5-year survival rate is approximately 80%.

About the Nebraska Cancer Registry

The purpose of the Nebraska Cancer Registry (NCR) is to gather data that describe how many Nebraska residents are diagnosed with cancer, what types of cancer they have, the treatment they receive, and survival after diagnosis. The NCR collects this information from every hospital in the state (excluding US Veteran's Administration facilities), pathology laboratories, radiation therapy sites, outpatient surgery facilities, physicians' offices, death certificates, and cancer registries in neighboring states. The NCR works closely with the Comprehensive Cancer Control Program of the Nebraska Department of Health and Human Services (NDHHS) and the Nebraska Cancer Coalition to provide data for planning and evaluating cancer control initiatives throughout the state, and has provided data critical for developing the Nebraska Comprehensive Cancer Control Plan. The NCR is managed by NDHHS and data are collected and edited by the Nebraska Methodist Hospital of Omaha.

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To learn more about the Nebraska Cancer Registry, or to view additional fact sheets and reports, visit: http://dhhs.ne.gov/publichealth/Pages/ced_cancer_data.aspx.